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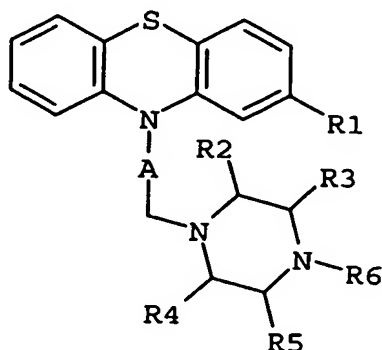
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(54) Title: USE OF PIPERAZINE PHENOTHIAZINE DERIVATIVES, OR A PHARMACEUTICALLY ACCEPTABLE SALT OR ESTER THEREOF, IN THE MANUFACTURE OF A MEDICAMENT WITH NEUROPROTECTOR AND/OR NEUROTROPHIC EFFECTS ON CNS AND/OR PNS



(I)

(57) Abstract: This invention relates to a new use of piperazinephenothiazine derivatives and their pharmaceutically acceptable salts or esters in the manufacture of a medicament with neuroprotector and/or neurotrophic effects on CNS and/or PNS. The piperazine phenothiazine derivatives are selected from compounds of formula (I) wherein A represents a straight or branched alkylene chain of from 2 to 6 carbon atoms separating the nitrogen atoms linked thereto by at least two carbon atoms; R1 represents hydrogen, halogen, lower alkyl, lower alkoxy, lower alkanoyl, lower alkyl-mercapto, trifluoromethylmercapto, lower alkyl-sulfonyl (preferably methylsulfonyl), perfluoroalkyl of 1 to 3 carbon atoms; R2, R3, R4 and R5 each represent methyl, ethyl or hydrogen, R6 represents hydrogen, lower alkyl, hydroxy-lower-alkyl or aliphatic acyloxy-lower-alkyl having 1 to 4 carbon atoms in the acyloxy portion and 1 to 6 carbon atoms in the alkyl portion, CH₂-CH₂-O-R7 where R7 represents hydrogen, COR8 where R8 is a branched or straight chain alkyl radical of from seven to fourteen carbon atoms.



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